



#15/ Pre Amendment  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Kazutaka SHIBATA

Application No.: 09/588,628

Filed: June 7, 2000

For: SEMICONDUCTOR CHIP WITH EXTERNAL CONNECTING TERMINAL (AS AMENDED)

Attorney Docket No.: ROH-0023

Examiner: N. Ha

Art Unit: 2814

Confirmation No. 8757

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

Prior to examination on the merits, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel claims 10-17 without prejudice or disclaimer.

Please add new claims 18-20 as follows:

--18. (NEW) A semiconductor device, comprising:

a semiconductor chip having an active surface and an inactive surface disposed opposite the active surface;

an external connecting terminal electrically connected to the active surface of the semiconductor chip and projecting therefrom;

an underfill resin surrounding the external connecting terminal to form an outer peripheral underfill resin surface and covering at least a portion of the active surface; and

a protective resin covering a sidewall of the semiconductor chip and the outer peripheral underfill resin surface, the protective resin having a surface formed so as to be flush with the inactive surface of the semiconductor chip.

19. (NEW) A semiconductor device, comprising:

a board;

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